The Journal

of the

American Pharmaceutical Association

INDEX TO VOLUME IV

JANUARY TO DECEMBER, 1915

INDEX TO AUTHORS

Alpers, William C.,
A. Ph. A., History Second Decade, 3
Christmas Greetings From President A. Ph. A., 1484
Digitalis, Remarks on, 715
Fields and Woods in June, 730
Plaut, Albert, A Tribute to, 864
Qualification Requirements for Teachers in Colleges of Pharmacy, 1330
The Merits of Pharmacy, 1498
The President's Greetings, 1082
Year Book A. Ph. A., 1352

Apple, F. M.,
Confectionery and Cough Drops, Displaying, 309
Prescriptions, What Constitutes Good Service, 152
The Circulating Library as a Side Line, 1343

Arny, H. V.,
Color Standards and Cudbear, 1294
Quizzes, Tests and Examinations, 1233

Baker, W. F.,
Drug Absorption, Some Factors in, 443

Ballard, C. W.,
Cinchona, Microscopy of Barks and Adulterants, 98
Notes on the History of an American Cannabis, 1299

Barton, Wilfred M.,
Medicine and Pharmacy, Relation Between, 374

Beal, J. H.,
Food and Drug Acts, the Variation Clause of, 698
Pharmacy Legislation, Standardization of, 967
Proprietary Medicines, Chairman Commission on , 1148
State Anti-Narcotic Law, The N. A. R. D. Draft for a, 627

Becker, Irwin A.,
British Pharmacopoeia, Some Observations on the, 612

Berger, E.,
Wages, Paying More Than, 182

Beringer, George M., Jr.,
A Medley, 950

Beringer, George M.,
Homeopathic Pharmacopoeia of the U. S., 208
The Pharmacy and Materia Medica of the B. P. 1914, 904
Unofficial Standards, Report of Committee on, 632, 751, 1378, 1510

Blair, Henry C.,
Oxypinene, Pharmacy of, 942

Bostwick, Arthur E.,
Drugs and the Man, 915

Bowman, Waldo M.,
Biologicals, The Sale of, 298

Bradley, Theodore J.,
Ideals in Pharmacy, 596

Brandt, F. T.,
Glycerin, Simplified Assay, 78

Briggs, C. H.,
Glycerin, Estimation in Pharmaceutical Preparations, 75

Brooks, H. W.,
Alkaloids, Examination of Calycanthus Floridus for, 433

Brooks, R. I.,
Stillingia Sylvatica, 445

Brubaker, H. W.,
Carbon Dioxide, Method Determination of in Baking Powder, 817

Buehler, Carl T.,
Poisons, Restrictions in the Distribution of, 498

Bruun, Harold N.,
Advertising Methods, 318

Caldwell, H. V.,
Datura Stramonium, Linne, Analysis of, 602

Campbell, Andrew,
Oils, Hydrogenated, 675

Chase, Charles S.,
Approved Methods of Physiological Standardization of Drugs, 1289

Chase, Walter M.,
Prescription Prices in Detroit, 1357

Clayton, Chester J.,
Should the Retail Druggist Manufacture or Buy His Preparations, 500

Clover, A. M.,
Heroin Hydrochloride and Diacetyl-Morphine Hydrochloride, Assay and Composition, 291
Hydrogen Peroxide, Increased Acidity on Standing, 1108

Cook, E. Fullerton,
Current Review of Journals, 749
Modern Business Methods for Pharmacy, 953
Modern Drug Store Merchandising, 339

Cooper, Zada M.,
Some Thoughts for Teachers, 789
The Women's Section and Women Pharmacists, 541

Cousins, W. H.,
The Price of Success, 515

Craig, Hugh,
The N. A. R. D. Model State Antinarcotic Law, 1428

Day, William B.,
Army Hospital Corps, 113
Lectures and Laboratory Practice, Benefit to Students of, 37
Report of General Secretary, 1049

Dewey, Albert H.,
A College of Pharmacy Prescription Room, 814
Relation of Pharmacy to Medicine, 231

Diehl, C. Lewis,
Report Committee National Formulary, 271

Dimmitt, Addison,
Advertising the Prescription Department, 1196

Dimmock, A. F.,
Determination of Glucose in Urine, 54

Diner, Jacob,
Pharmaceutical Education or the Education of the Pharmacist, Which? 465
Prescription Department, How Would You Advertise? 150

Dodge, Francis D.,
Balsam of Peru, Assay of, 1222

Dohme, A. R. L.,
Co-operation of Science and Industry, 1278, 1105

Duncan, C. A.,
Abstracts From Journal A. Ph. A., 850

Dunn, Charles Wesley,
Narcotic Legislation, Uniform State, 704

Eberle, E. G.,
See Editorials

Edmunds, C. W.,
Twilight Sleep, 565

Eldred, Frank R.,
Contributions of Chemist to Manufacture Pharmaceutical Products, 1506
Drug Laws, Enforcement of, 45
Pharmaceutical Education, 462

Engelhardt, H.,
Chairman's Address Scientific Section, 1120
Estimation of Atoxyl, 1468
Glucosides, Synthesis of, 670
Morphine, Nitrate and Acetate, 288
Stability of Preparations Containing Yellow Phosphorus, 1450
Yellow Phosphorus, Estimation, 451

England, J. W.,
Current Review Pharmaceutical Journals, 853
Overstocking in the Retail Drug Business, 1188
State Narcotic Legislation, 518
Statement re Committee on Patents and Trade-marks, 1419
Sugar of Milk, Quality of Commercial, 944
The Prescription of Life, 619

Fantus, Bernard,
Can the Pharmacopoeia and National Formulary Be Made Popular With Physicians? 349
Fuller's Earth, Adsorptive and Antidotal Value of, 826
What Instruction Ought Medical Colleges Give in Pharmacology and Therapeutics? 379
Fischelis, R. P.,
A Plan for a More Serviceable A. Ph. A. Journal, 614
Education, Providing Needed, 1235
Pharmacists and the Right Kind of Apprentices, 165
Forbing, John W.,
Burette, An Improved Form of, 934
Salicylic Acid, Derivatives of, 118
Freericks, F. H.,
Chairman's Report Voluntary Conference Modern Pharmacy Laws, 1431
Education and Legislation, Address Section on, 1207
Statement re Committee Patents and Trademarks, 1419
The Harrison Act, 397
French, Harry B.,
Drug Importations, Further Facts About, 511
The War and Drug Importations, 239
Fried, Leo H.,
Iodine Ointment, Data and Method of Assay, 621

Gane, E. H.,
Petrolatum, Russian and American Liquid, 792
Gathercoal, E. N.,
Plea for an Up-to-date Year Book, 1504
Rhamnus Barks, The Pharmacognosy of Medicinal, 65, 193, 360
Teaching Materia Medica in Medical Schools, 1324
Graber, Howard T.,
Comparison Pharmacopoeial Methods, Digestive Ferments and Animal Products, 686
Grantham, R. I.
Calomel, Estimation of, 441
Gray, William,
Re-distilled Water Versus Sterilized Distilled Water, 816
Sugar in Urine, Estimation of Bang's Method, 740
Greyer, Julius,
Mineral Waters, Origin, etc., 488
Groat, H. S.,
Cold Creams, The Chemistry of, 169
Perfumes, Artificial, 175
Hackman, Charles A.,
Fats and Oils, Estimation, 994
Hall, William A.,
Corrosive Sublimate Poisoning, New Antidote for, 183

Hamilton, H. C.,
Cannabis Sativa, 448
Hance, Edward H.,
Obituary, 128
Harris, R. T.,
Heroin Hydrochloride and Diacetyl-Morphine Hydrochloride, 291
Hensel, Samuel T.,
Additional Data Concerning Preparation Milk of Magnesia, 1361
Resins, Freshly Precipitated in Aqueous Medium, 371
Hepburn, Joseph Samuel
Enzymes, The Behavior of at Low Temperature, 682
Hill, Reuben L.,
Colloidal Iron in Determination of Lactose in Milk, 744
Hilton, S. L.,
Petrolatum, Liquid, 993
Holmes, Ralph C.,
Cineol in Oil of Eucalyptus, Estimation of, 351
A Safety Check Valve Vacuum Pump, 1227
Hoover, Charles P.,
Water Purification at Columbus, Ohio, 228
Hover, W. A.,
Letter to Commercial Section, 1191

Hostmann, Jeannot,
Galenicals, Assaying, 324
Miscibility of Ichthyol, 1490
Howell, E. V.,
Insecticides, Disinfectants, etc., Opportunity to Handle, 312
Hynson, H. P.,
Chairman Committee American Institute Prescriptionists Report, 1171
House of Delegates A. Ph. A., in Regard to Its Betterment, 524
The House of Delegates, 844

Jones, Ernest R.,
Cold Creams, Greasy, 708
Zinc Oxide Ointment, A Needed Change in, 283
Jones, H. W.,
Estimation of Morphine in Pills and Tablets, 1477
Hydrastis and Fluidextract, Assay of, 106
Jordan, C. B.,
Pharmacy, Plea for Higher Standard to Enter, 51

Kilmer, Fred B.,
Absorbent Cotton and Absorbent Gauze, Standards for, 1228
The British Pharmacopoeia From British Point of View, 900
Kimlel, J. E.,
Magnesium Phosphate in Poppy Capsules, 623
Kimmich, E.,
Galenicals, Deterioration of, 178
Kenaston, Mrs. Hampton Ray,
Ipecacuanha, Botanical Source and Medicinal Value of, 938
Knabe, Gustavus A.,
Obituary, 130
Kuever, R. A.,
Report as Secretary Section Education and Legislation, 1310
Kremers, Edward,
Pharmacy, Study of the History of, By Students in Pharmacy at American Institutions of Learning, 482

Lackenbach, Fred I.,
Biologic Assay and Bacteriology, 1281
Lascoff, J. Leon,
Soft Capsules, Apparatus for Filling, 1184
Prescriptions, Difficult, 504
LaWall, Charles H.,
Antiseptic Solution, Formula, New Type, 181
Lloyd, John Uri
A Pharmaceutical Apprenticeship in America Fifty Years Ago, 1333
Empiricism Versus Science, 559
Lyons, A. B.,
Opium, The Lime Assay of, 92

Mansfield, William,
Allspice, The Structural Variation of, 62
Mason, Harry B.,
Prescription Prices in Need of Reform, 1353
Maryott, C. H.,
Enzymes Chemical Changes, The Role of, 678
Mayer, Joseph L.,
Cane Sugar, Inversion of in Syrups, 945
Sodium Thiosulphate V. S. Standardization, 690
Mayo, C. A.,
Aims and Purposes of the American Pharmaceutical Association, 1501
Presidential Address, 1017
McCord, Carey Pratt,
Glands of Internal Secretion; Importance as Therapeutic Agents, 293
McDermand, George,
Alcoholic Assay Methods, Short and Simple, 174
McElhenie, Thomas D.,
Random Notes, 171
Meinhard, Arthur R.,
Leucocytic Extract—Preparation and Uses, 1463
Merrell, George,
Obituary, 129
Miller, E. R.,
Alkaloids, Examination of Calycanthus Floridus for, 433

293382

Stillingia Sylvatica, 445
Miller, F. A.,
Medical Plants, Cultivation of, 583
Medical Plants, Cultivation of in U. S., 345
Mittelbach, William,
Poisons, The Sale of, 342
Miyake, K.,
Nature Sugar in Sweet Potatoes, 936
Moreland, Robert L.,
Pharmacy Law, Thoughts on an Effective, 405
Murray, B. L.,
Report of Special Committee Transportation of Drugs by Mail, 1408

Needham, R. H.,
Pharmacopoeias and Formularies of the World, 507
Nelson, C. F.,
Profession of Pharmacy, A Proposal for the Elevation of, 784
Newcomb, E. L.,
Drugs, Percentage of Moisture Lost in Preparation of, 527
Nitardy F. W.,
Flake Agar-Agar, Preparation of, 173
Pharmaceutical Manufacturing, Profit and Professional Advantages in, 804
Prescriptions, Average Cost of, 1100
Ointments, Plea for Reform in Dispensing, 147
North, Herman H.,
Ampuls, 576
Norton, Thomas M.,
Dyestuff Situation in U. S., 731

Osseward, Cornelius,
Address Chairman Section Practical Pharmacy and Dispensing, 1168
Ott, Bertha,
Atropa Belladonna, 234

Pauley, Alfred W.,
Commercial Pharmacy, A Timely Topic, 342
Pushing Beyond the Half-Way Mark, 741
Peacock, J. C. and B. L. DeG.,
Salol-Coating of Pills, 947
Pittenger, Paul S.,
Pharmacodynamic Assay Method, 427

Ramsey, C. F.,
Hydrogen Peroxide, Increased Acidity on Standing, 1108
Raubenheimer, Otto,
Formulas, Substitute for Specialties, 952
Preparations, Debt Which Medicine Owes Secret, 373
Recipe Book, Report on, 1178
Remington, Joseph Price,
Co-operation a Necessity, 1237
International Congress Vs. the European War, 563
Mils Vs. Cubic Centimeters, 910
Petrolatum, Liquid, 993
Richardson, Frank,
Libraries, Drug Store, 164
Side Line, Best Paying, 319
Ring, C. H.,
Color Standards and Cudbear, 1294
Roemer, J.,
Phenomena, The Science of, 922
Solutions, 1102
Rogoff, J. M.,
Side Line, A Professional, 692
Rowe, L. W.,
Digitalis, End-Point Assay, 108
Ruddiman, E. A.,
Color Reactions, 1467
Ruhl, H. F.,
Spraying Materials, Building up Trade in, 305
Rusby, H. H.,
Comparative Advantages Practical Experience and General Education as Pre-Requisites in School of Pharmacy Instruction, 39
Drug Importations, Facts Concerning, 246
Rutledge, C. P.,
Stillingia Sylvatica, 445

Sayre, L. E.,
Chairman's Report Committee on Drug Reform, 1424
Coffee, Necessity of Estimating Intrinsic Value of, 81
Datura Stramonium, Analysis of, 602
Sempervirine, 1458
The Cultivation of Medicinal Plants With Observations Concerning Cannabis, 1303
Schnewind, Isaac,
Business, Ethics of, 997
Schneider, Albert,
A Biological Test for Arsenic, 1307
Micro-Analysis and Bacteriology, Suggestion for Course, 858, 984
Schwartz, Maurice P.,
Value of Concentrating and Indexing Drug Stock, 1345
Scoville, Wilbur L.,
Formaldehyzed Capsules, 1241
Incompatibilities, Three Interesting, 590
Tinctures, Comparative Stability, 1472
Self, P. A. W.,
Alkaloids, A Possible Source of Error in Assay, 695
Seymour, James,
Assay Methods, Short and Simple, 174
Sherndal, Alfred E.,
Balsam of Peru, Assay of, 1222
Smirnow, M. R.,
Bacterial Cultures and Paper Necropsy Tray, Paper Demonstrating Case for, 746
Smith, F. A. Upsher,
Syrupus Hypophosphitum and H. Compositus U. S. P., New Method, 595
Stevenson, A. E.,
Gelsemium, Third Alkaloid From, 60
Sempervirine, 1458.
Stewart, F. E.,
Emetine Hydrochloride, as an Amebicide and Hemostatic, 797
Pharmacy, Professional, From the Viewpoint of the Commercial Laboratory, 520
Principles Underlying Use of Serums, etc., in Prevention and Cure of Infectious Diseases, 1440
Stratton, S. W.,
Radium Emanations, Radium and Measurements of, 1111
Stroup, F. P.,
Pharmaceutical Literature, Review Current, 242
Sturmer, Julius W.,
Pharmaceutical Literature, Review of Current, 540
Suppan, Leo R. A.,
Dispensaries, Monastic, of the Middle Ages, 383

Taylor, Frank O.,
Manufacturing Pharmacy, Forty-five Years of, 468
Terry, Robert Wood,
Camphor Liniment, Extemporaneous Preparations of, 1243
Thiesing, E. H.,
Sections, Commercial Interests, Chairman's Address, 1203
Thum, John K.,
Red Gum, 505
Review Pharmaceutical Literature, 1496
Thurston, Azor,
Analysis, Cigarettes, etc., and Use of Lloyd's Reagent in Determination of Nicotine, 435
Turner Joseph L.,
Cineol in Oil of Eucalyptus, Estimation of, 351

Valentine, Charles P.,
More English for the Pharmacist, 1328
Vanderkleed, Charles E.,
Pharmacodynamic Assay Method, 427
Vaughan, V. C.,
Sensitized Vaccines, 1448
Von Oefele, Felix,
American and European Springs, Comparison of, 617

Warren, L. E.,
Pills, Blaud's, The Quality of Commercial, 624

Washburn, H. C.,
Preparations, Should the Druggist Make His Own? 159
Watson, G. N.,
Separation, Quantitative of Strychnine and Quinine, New Method of, 935
Weaver, C. A.,
Efficiency and a Nine Hour Day, 320
Weed, H. W.,
Arrangement Prescription Department, 1492
Weinstein, Joseph,
Pharmacopoeia, The New, as an Educational Problem, 1180
White, J. Stanley,
Toxins, Bacterial vs. Vegetable, 408
White, William R.,
Pharmaceutical Notes, 502
Whelpley, H. M.,
The Pharmacist's Work Today, 1364
Wilbert, Martin I.,
Book Notices, 1002
Drug Addicts, Number and Kind of, 963
Laws, State Anti-Narcotic, 702
Pharmacopoeia, British, 1914, 334
Trademarks and Trade Names, 1350
Useful Drugs, The Pharmacy of, 823
Winters, O. E.,
Estimation of Atoxyl, 1468
Estimation Yellow Phosphorus, 451
Morphine Nitrate and Acetate, 288
Stability Yellow Phosphorus Preparations, 1450
Wulling, Frederick J.,
Presidential Address A. C. P. F., Synopsis 1094
Remedies, Schuessler's Twelve Tissue, 821
The Possibilities Inherent in a College of Pharmacy for Rendering the Maximum of Efficient Service to Pharmacy, 575

Youngken, Heber W.,
Actinomyces Myricarum, The Cause of Myrica and Comptonia Tubercles, 1095

Zufall, Chalmers Joseph,
A Criticism of the U. S. Pharmacopoeial Description of Vegetable Drugs, 530

INDEX TO SUBJECTS

A

Absorption
some factors in drug, W. F. Baker, 443
Abstracts
from Journal A. Ph. A. pertaining to practical pharmacy, C. A. Duncan, 850
should be furnished with papers, 1237
Acetone
determination of in urine, 1489
Acid
salicylic, derivatives, J. W. Forbing, 118
salicylic in acetylsalicylic acid, 646
sulphurous, determination of, 1403
uric, origin of, 837
Actinomyces Myricarum
the cause of myrica comptonia tubercles, Heber W. Youngken, 1095
Adulterations
of drugs and chemicals, 225
Agar-Agar
on the preparation of flake, F. W. Nitardy, 173
Address
of welcome to A. Ph. A., Sylvester McAtee, 1015
Chairman F. T. Green, San Francisco meeting, 1015
chairman section education and legislation, 20
chairman scientific section, H. Engelhardt, 1120
chairman section practical pharmacy and dispensing, 1168
chairman section commercial interests, 1203
chairman section on education and legislation, 1207
President C. A. Mayo, 1017
synopsis President Wulling, A. C. P. F., 1094
Advertising
how would you advertise prescription department, Jacob Diner, 50
methods, Harold N. Bruun, 318
the prescription department, Addison Dimmitt, 1196
Alcohol, denatured
permissibel in collodion, 1529
Alcohol, methyl, label for, 1317, 1398
Alkaloids
colloidal state of, 1346
examination of calycanthus floridus for, E. R. Miller and H. W. Brooks, 433
gelsemium, third alkaloid from, A. E. Stevenson and L. E. Sayre, 60
Allspice
structural variation of, William Mansfield, 62
Aluminum
chloride, 632
sulphate, 632
Ameba, definition, 1442
American Pharmaceutical Association
aims and purposes, C. A. Mayo, 1501
property of in Lloyd Library, 1374
sessions, San Francisco meeting, 1015, 1039, 1069
Ampuls, Herman H. North, 567
filling, 810
Analysis
cigarettes, cigars, tobacco and use of Lloyd's Regent in determination of nicotine, Azor Thurston, 435
datura stramonium, L. E. Sayre and H. V. Caldwell, 602
see also determination, estimation and assay
Antibodies and Antigens, 1445
Antidote
belladonna poisoning, 237
corrosive sublimate poisoning, William A. Hall, 183
Antimony
oxide, 633
sulphide, purified, 633
Antitoxins, 302, 1440
Apparatus for filling soft capsules, J. Leon Lascoff, 1184
Apprentices
right kind and pharmacists, R. P. Fischelis, 165
Apprenticeship in America Fifty Years Ago, J. U. Lloyd, 1333
Appropriations
army budget for 1915, 137, 1246
hospital corps, W. B. Day, 113
Arny, H. V.,
President A. C. P. F., 1112
Arsenic
A biological test for, Albert Schneider, 1307
Assay
alkaloidal, possible source of error, P. A. W. Self, 695
balsam of Peru, Francis D. Dodge and Alfred E. Sherndal, 1222; see also 1496
biologic and bacteriology, Fred I. Lackenbach, 1281
digitalis, end-point, L. W. Rowe, 108
elixir lactated pepsin, 219
galenicals and apparatus needed, Jeannot Hostmann, 324
glycerin, 75 and 78
hydrastis, H. W. Jones, 106
heroin hydrochloride, R. T. Harris and A. M. Clover, 291
iodine ointment, Leo H. Fried, 621
opium, 85 and 92
pharmaceutical preparations, 765
pharmacodynamic method preliminary note, Paul S. Pittenger, and Charles E. Vanderkleed, 427
sempervirine, 1458

short and simple methods, James Seymour and George McDermand, 174
various, 226
(See also estimation, determination and analysis)
Association
funds A. Ph. A., 1043
American Medical, 876
Associations
American Advancement of Science, 1518
Arkansas, 775
California, 249
Chicago Veteran Druggists, 1521
Delaware, 1008
Flavoring extract manufacturers, 1009
Georgia, 1008
Illinois, 877, 1518
Indiana, 1007
Iowa, 879
Kansas, 776
Kentucky, 878
Louisiana, 75
Manufacturers medicinal products, 359, 1070
Maryland, 775
Massachusetts, 1007
Michigan, 1007
Mississippi, 1007
Missouri, 775
National Boards of Pharmacy, 1087
National Boards of Pharmacy, reciprocal registration, 1493
N. W. D. A. annual meeting, 1143, 1264
National wholesale druggists, committee of, 1393
National retail druggists, 1144
Nebraska, 876
New Jersey, 1008
New York, 1006
Ohio, 1008
Perfumers, 1518
Pharmaceutical chemists, 875
Pennsylvania, 879
Texas, 878
(see also American Pharmaceutical Association)
Atoxyl
estimation, Engelhardt and Winters, 1468

B

Bacteria, 1441
Bacterial cultures
paper case for, M. R. Smirnow, 746
Bacterins, 299, 1440
Bacteriotropins, 1446
Balsam of Peru
assay, Francis D. Dodge and Alfred E. Sherndal, 1222; see also 1496
Bang's Method
estimation sugar in urine, William Gray, 740
Banquet
William C. Alpers, 130
Barks
cinchona, microscopy, C. W. Ballard, 98
rhamnus, the pharmacognosy of, E. N. Gathercoal, 65, 193 and 360
Belladonna Atropa, Bertha Ott, 234
Berberis, 634
Biologicals, the sale of and brief definitions, W. M. Bowman, 298
Bismuth
citrate, 634
Board of Pharmacy
"guarantee," 1517
national proceedings, 1087
reciprocal registration, 481
secretaries of, 773
Bond, J. B., 17
Book Notices
A. M. A. publication, M. I. Wilbert, 1002
collected papers, research, laboratory, Parke, Davis & Co., 1389
digest comments, U. S. pharmacopoeia, 218, 333
hygienic laboratory bulletin, No. 104, 1388
new and non-official remedies, M. I. Wilbert, 1001
pharmacology of useful drugs, 1388
scientific and applied pharmacognosy, 1389
window display for druggists, 1389
Branches of A. Ph. A.
local 131, 249, 418, 544, 646, 762, 871, 1060, 1265, 1394
may organize with 15 members, 1041
meetings of
Baltimore, 249, 418, 544, 646, 762, 1394, 1527
Chicago, 131, 251, 420, 545, 646, 764, 1397
Cincinnati, 132, 250, 546, 650, 764, 1397
Columbus, 133
Detroit, 133, 421, 547, 871, 1265, 1397
Nashville, 422, 652, 766, 872, 1395, 1522
New England, 252, 1396
New York, 134, 647, 766, 1265, 1521
Northwestern, 548, 650, 1523
Philadelphia, 135, 253, 423, 549, 643, 871, 1266, 1395
Pittsburg, 135, 550, 648, 1398
Saint Louis, 136, 254, 423, 551, 650
San Francisco, 253, 872, 1396, 1522
Washington City, 136, 551, 764, 1525
West Virginia, 255, 768, 1525
roster of, VII, June issue
Brayera, 635
Bromine, 635
Burette, Improved Form
J. W. Forbing, 934
Business, Ethics of
Isaac Schnewind, 997
Buttons and Pins
appropriation for A. Ph. A., 881
By-Laws, Amendments of, 1041, 1248

C

Calcium
phosphate, precipitated, 635
Calendula, 636
Calomel estimation, R. I. Grantham, 441
Calculations
in preparing preparations, 544
Capsules
apparatus for filling soft, J. Leon Lascoff, 1184
formaldehyzed, Wilbur L. Scoville, 1241
Cannabis American
notes on history, C. W. Ballard, 1299
Cannabis Sativa
is only Indian grown medicinal? H. C. Hamilton, 448
observations concerning, L. E. Sayre, 1303
Caramel, 1510
Carbon Dioxide
determination in baking powder, H. W. Brubaker, 817
Cassia fistula, 636
Cataria, 636
Chemical Control
relation to industro-chemistry, E. L. Manes, 911
Chimaphila, 636
Chionanthus, 1510
Chirata, 751
Christmas Greetings
from President A. Ph. A., 1484
Cinchona barks
microscopy of, 98
Cineol
estimation in oil of eucalyptus, Joseph L. Turner and Ralph C. Holmes, 351
Cinchotoxin, 591
Coffee
necessity of estimating intrinsic value of, L. E. Sayre, 81
Color Reactions, 1294, 1467
Commission
on proprietary medicines, 1148
Committee
chairman's address, section commercial interests, 1193
of the council, 1376
credentials report, 1036
drug reform report, 1425
general membership report, 1056
legislative, of P. Ph. A., report, 1266
local branches report of, 1060
publication, general rules for, 138
publication, enlarged powers, 187
patents and trade-marks, 1414
pharmaceutical teaching institutions, 1409
report of auditing, 1254
report chairman's address, section education and legislation, 1321
report of on recipe book, 1178, 1374

report of invested funds, 897, 1254
report nominating, 1041
report of special on Year Book and National Formulary, 1375
report of, on time and place, 1075
report, William Procter, Jr., monument fund, 1055
resolutions on, 1039
syllabus committee membership of, 639,1516
syllabus committee report, 1056, 1516
transportation announcement, 411
transportation drugs by mail, 1408
transportation drugs by mail, enlarged committee, 1409
unofficial standards, report of, 632, 781, 1378
committee Year Book and National Formulary, 1375
weights and measures, 1046
see also reports and addresses
Condurango, examination of, 1329
Conference
drafting pharmacy law report, 1431
drug trades, report of, 1222
members voluntary of, for drafting pharmacy laws, 1431
pharmaceutical faculties, annual meeting, 1091
College and Society, 416, 553, 652, 769, 872, 1006, 1143, 1519
College of Pharmacy
inherent possibilities for rendering maximum efficient service, Frederick J. Wulling, 575
Cold Creams
absorbent, 158
greasy, E. J. Jones, 708
the chemistry of, H. S. Groat, 169
Condurango, 751
Confectionery
displaying, F. M. Apple, 309
Conference National Drug Trades, 122
Conference Members of Voluntary Modern Pharmacy Law, 641
Congresses
International Versus the European War, Joseph P. Remington, 563
Conium, 752
Constitution, Amendments of, 1041, 1248
Convallaria, 753
Co-operation
a necessity, Joseph P. Remington, 1237
of science and industry, A. R. L. Dohme, 1105
Copper Sulphate, 754
Corydalis, 1511
Cotton and Gauze
absorbent standards for, Fred B. Kilmer, 1228
Cotton Root Bark, 1132
Coumarin, 175
Council
committees of, 1273, 1376
committee report on House of Delegates, 1252
letters, 137, 255, 659, 778, 880, 1011, 1271
members, 1145, 1271
motions of synopsis, 1246
report of secretary, 1246
proceedings, San Francisco meeting, 1245, 1374
Crocus, 753
Cypripedium, 754

D

Data
autobiographical to be furnished Historical Section by members, 1375
Datura Stramonium
analysis, L. E. Sayre, and H. V. Caldwell, 602
Dawson, John H.
elected local secretary, A. Ph. A., 882
Degrees, Pharmaceutical, 1410
Delegates
addresses before A. Ph. A., San Francisco meeting, 1030
Detection
arachis oil in olive oil, 1498
Determination
acetone in urine, 1489
carbon dioxide in baking powder, H. W. Brubaker, 817
glucose in urine, A. F. Dimmock, 54
lactose in milk with colloidal iron, R. L. Hill, 744
of sulphurous acid, 1403
see also assay, analysis, estimation
Diehl, C. Lewis, honorarium voted, 1377
Digestive Ferments
and animal products comparison, pharmacopoeial methods, Howard T. Graber, 686
Digitalis
end-point digitalis assay, L. W. Rowe, 108
pharmacodynamic assay, 427
remarks on, W. C. Alpers, 715
Directory
local branches, VII (June)
Dispensaries
monastic of middle ages, Leo R. A. Suppan, 383
Dohme, Charles E., 1000
Drug Stores, too many, 1190
Drug Business
overstocking in, J. W. England, 1188
Drug Reform
committee on, report, 1425
Drugs
addicts, number and kind, M. I. Wilbert, 963
and the man, A. E. Bostwick, 915
cost before and since the war, 242
criticism of official descriptions, C. J. Zufall, 530
facts concerning importation, H. H. Rusby, 246
importations, further facts, Harry B. French, 511
moisture lost in, 527
inferior, list of, 225
the pharmacy of useful, M. I. Wilbert, 823
quality of, 975
some factors in absorption in frogs, W. F. Baker, 443
transportation of by mail, 1408
variation in strength of, 1306
war and drug importations, Harry B. French, 239
see also name of drug
Dyestuff situation in U. S., T. M. Norton, 731

E

Earth, Kambara
its use and reagent for cod liver oil, 1405
Editor
election of, 779
Editorials
advertising, E. G. Eberle, 840
Christmas wish, E. G. Eberle, 1407
commercial pharmacy, E. C. Marshall, 327
compound digestive elixir, E. G. Eberle, 1351
co-operation, E. G. Eberle, 1084
conference, Pan-American financial, E. G. Eberle, 727
difference of opinion stimulates progress, E. G. Eberle, 1481
diversification and specialization, E. G. Eberle, 839
emergency revenue law and plans to protect the American Manufacturer, E. G. Eberle, 1347
Greetings, William C. Alpers, 1082
Harrison law decision, E. G. Eberle, 841, 1483
home of Journal A. Ph. A., E. G. Eberle, 1480
"I Will," E. G. Eberle, 958
law, Harrison, an important ruling on, E. G. Eberle, 725
looking forward, E. G. Eberle, 958
National Insurance Acts of Great Britain, E. C. Marshall, 328
New-year greeting, E. G. Eberle, 1407
new taxes, E. G. Eberle, 1220
not more legislation—better legislation, E. G. Eberle, 725
papers, E. G. Eberle, 961
Patience and "Pearson's," E. C. Marshall, 55
pellagra, a social or medical problem? E. G. Eberle, 1482
pharmacy and the public, E. G. Eberle, 609

pharmacists, in aid of Belgian, E. G. Eberle, 727
price maintenance, E. G. Eberle, 1218
professional vs. "commercial pharmacy," E. G. Eberle, 843
progressive work of A. Ph. A., E. G. Eberle, 838
San Francisco meeting, E. G. Eberle, 608, 1083
State Association meeting, E. G. Eberle, 610
State narcotic legislation, J. W. England, 518
the dye industry, E. G. Eberle, 722
the editorship of the Journal, E. G. Eberle, 605
the education of the modern pharmacy student, E. G. Eberle, 606
the future, E. C. Marshall, 215
the graduates, E. G. Eberle, 728
the Harrison Bill, E. C. Marshall, 58
the Journal of the A. Ph. A., E. G. Eberle, 958, 611
the pharmacist and the law, E. C. Marshall, 485
the pharmacopoeia as an educational problem, E. G. Eberle, 1217
the return of allium, E. G. Eberle, 1482
the Stevens Bill, E. G. Eberle, 726
the world's record for perseverance, E. G. Eberle, 1348
trademarks and trade names, M. I. Wilbert, 1350
unsolved problems of chemistry, E. C. Marshall, 215
what is a drachm? E. G. Eberle, 961
Editorial Notes, E. G. Eberle
ampoules, filling, 1138
color variation and precipitation in tincture nux vomica, 1139
Dr. Charles J. Finley, 1140
Dr. Paul Ehrlich, 1140
Harrison Law enforcement, 1261
magnesium sulphate and sodium sulphate in plaster of Paris, 1388
Pan-American Scientific Congress, 1388
production alkaloids in belladonna, 1387
substances which mask color reactions of strychnine, 1262
what is a drachm? 1139
white slavery drugs and liquor, 1261
Editorship
of Journal, 659, 664, 666
Education
pharmaceutical, Frank R. Eldred, 462
pharmaceutical, or the education of the pharmacist, which? Jacob Diner, 465
providing needed, R. P. Fischelis, 235
Efficiency
and a nine-hour day, C. A. Weaver, 320
Eger, George, a sketch of, 342
Emetine Hydrochloride
as an amebecide and hemostatic, F. E. Stewart, 797
Eliel, Leo, 1000
Elixir, aromatic, 1172
Empiricism
versus science, John Uri Lloyd, 559
Enzymes
behavior at low temperature, J. S. Hepburn, 682
role of in chemical changes, C. H. Maryott, 678
Estimation
atoxyl, Engelhardt and Winters, 1468
Bang's method sugar in urine, William Gray, 740
calomel, R. I. Grantham, 441
cineol in oil of eucalyptus, Joseph L. Turner and Ralph C. Holmes, 351
fats and oils, Charles A. Hackman, 994
morphine in pills and tablets, H. W. Jones, 1477
(See also assays, determination and analysis)
Ethics, code of A. Ph. A., 1249
Eupatorium, 754
Euonymus, 754
Examinations
Boards of Pharmacy, 21
tests and quizzes, 1497
Exhibit
of drugs at Detroit meeting, 277
pharmaceutical at Panama Exposition, 141, 659
Experience
and general education as prerequisite to school of pharmacy instruction, H. H. Rusby, 39
Exposition, National Chemical Industries, 1144
Extract
of beef, 755
leucocytic, its preparation and uses, A. R. Meinhard, 1463

F

Fabre, Jean Henri, 1348
Ferments
digestive, H. T. Graber, 686
Ferric
hypophosphite, 755
pyrophosphate, 1131
Filter Paper, to toughen, 1003
Flagella, illustration, 1441
Food
a new? 1514
Food and Drug Act
unprotected, carrier of disease germs, C. H. Lawall, 1513
variation clause, J. H. Beal, 698
Freericks, Frank H., 1309
Frontispiece
Alpers, William C., 1014
Beal, J. H., 2
Godbold, F. C., 1146
Lloyd, J. U., 1276
Markoe, George F. H., 426
Painter, Emlen, 782.
Prescott, Albert Benjamin, 558
Rusby, H. H., 266
Searby, William Martin, 898
Sheppard, Samuel A. D., 668
Wulling, F. J., 1406
Fuller's Earth
adsorptive power and antidotal value for alkaloids, Bernard Fantus, 826
Funds
invested, 1043, 1254
trust, 1043

G

Galega, 1131
Galenicals
assay of, Jeannot Hostmann, 324
deterioration of, E. Kimmich, 178
Gelsemium
alkaloids from, 60
General Sessions
report committee postoffice regulations for mailing poisons, 187
Geranium, 1132
Glands
of internal secretion, importance as therapeutic agents, C. P. McCord, 293
Glucosides
synthesis of, H. Engelhardt, 670
Glue
for gas tubing, 1000
Glycerin
estimation in pharmaceutical preparations, C. H. Briggs, 75
simplified assay, F. T. Brandt, 78
Godbold, F. C., Honorary President, 1147
Gordon, W. J. M., a sketch of, 1342
Greetings
to the Associations, 662

H

Half-way Mark
pushing beyond, A. W. Pauley, 741
Hamamelis Leaves, 1132
Hanbury Medalist
Edward Morell Holmes, 1002
Harrison Act, F. H. Freericks, 397
(See also law)
Helianthemum, 1133
Hints, helpful in dispensing, 420
Histamine, hydrochloride, 1497
History
A. Ph. A., second decade, W. C. Alpers, 3
of pharmacy by students on American Institutions, Edward Kremers, 482

Hoffman, F., 1000
House of Delegates, H. P. Hynson, 524
council committee report, 1252
additional information, H. P. Hynson, 844
suggested program for, 848
Hydrastis
assay hydrastis and fluidextract, H. W. Jones, 106
Hydrogen Peroxide
increased acidity on standing, C. F. Ramsey and A. M. Clover, 1108
Hynson, H. P., 1309

I

Ichthyol
miscibility of, Jeannot Hostmann, 1444
Ignatia, 1133
Immunity
typhoid fever as an illustration, 1444
Iodine Ointment, assay, 621
Incompatibilities
aspirin, 592
boric acid, 592
of cinchona alkaloids, 591
three interesting, Wilbur L. Scoville, 590
Indexing
value of with drug store, M. P. Schwartz, 1345
Industro-Chemistry
relation to chemical control, E. L. Maines, 911
Ink
removing stains, 1403
Insecticides
opportunities for handling and formulas, E. V. Howell, 312
Installation of Officers, 1079
designated time for, 779
Inventory, annual, 306
Invitation
to foreign pharmaceutical associations, 139
Ipecacuanha
botanical source and medicinal value, Mrs. H. R. Kenaston, 938

J

Journal, A. Ph. A.
a plan for more serviceable, R. P. Fischelis, 614
removal of, 1513
report on, 1257
June Fields and Woods
W. C. Alpers, 730

K

Kaolin, 1133
Koch, Julius A.
elected Reporter on Progress of Pharmacy, 1376
Krameria, 1134

L

Lactose
determination of in milk with colloidal iron, R. L. Hill, 744
Law
Anti-Narcotic, the N. A. R. D. Draft, J. H. Beal, 627; see also 1428
enforcement of, Frank R. Eldred, 45
Harrison law rulings, 1402, 1483
knowledge of buyer, 142
liability bottle explosion, 142
list of preparations under Harrison law, 260
modern pharmacy members of voluntary conference, 640, 1431
New York Health Board, 1399, 1529, 1530
ruling, 28
sale drug stock, 262
state, 766
state anti-narcotic, M. I. Wilbert, 654 and 702
the need of enforcing, M. I. Wilbert, 41
the pharmacist and the Harrison, 259
the pharmacist and, 544, 654, 776, 879, 1009, 1266, 1529
the pharmacist and, ruling Harrison law suspended, 1399
thoughts on an effective pharmacy, Robert L. Moreland, 405
Lappa, 1134
Lead, iodide, 1379
Lectures and Laboratory Practice
real and permanent benefit, W. B. Day, 37
Legislation
standardization of pharmacy, J. H. Beal, 967
uniform state narcotic, C. W. Dunn, 704
Lehman, R. S.
chairman committee section commercial interests, 1167
Leptandra, 1135
Leucocytic Extract, 1463
Libraries
circulating, as a side line, F. M. Apple, 1343
drugstore, Frank Richardson, 164
Liniment
extemporaneous preparations of camphor, R. W. Terry, 1243
Lloyd, J. U., frontispiece, 1276
Logwood, 1132
Lovis, H. C., 359
Lupulin, 1135

M

Main, Thomas F., 411
Magma Magnesia
additional data concerning preparation, Samuel T. Hensel, 1361
Manganese
and sodium citrate, 1135
hypophosphite, 1136
mastic, 1137
Materia Medica
teaching of in Medical Schools, E. N. Gathercoal, 1324
Matico, 1511
Medley, A., George M. Beringer, Jr., 950
Members A. Ph. A.
at Denver, 1486
San Francisco meeting, 1024, 1032, 1045, 1068, 1143
Melilot, 1137
Memorial
William Martin Searby, 866
Dr. David Waldie, 867
Merchandizing
modern drug store, E. F. Cook, 339
Micro-Analysis
and bacteriology suggestion for course, Albert Schneider, 984 and 858
Micrococcus, illustration, 1441
Mils
vs. cubic centimeters, Joseph P. Remington, 910
Moisture
lost in drugs, E. L. Newcomb, 527
Morphine
estimation of in pills and tablets, H. W. Jones, 1477
nitrate and acetate, H. E. Engelhardt and D. E. Winters, 288

N

National Formulary
funds, 1376
publication of, 1256
reinstating diarrhea remedies, discussion, 1064
report of committee, 271, 1375
Vice-Chairman elected, 1377
Necrology
Bond, Dr. John B., 1004
Feldner, George D., 1390
Fisk, Fred M., 658
Hance, Edward, 128
Heintzelman, Dr. Jos. A., 1516
Hynson, Mrs. Henry P., 249
Hubbard, Frederick A., 658
Kirkland, Derwentwater, 1515
Klie, G. H. Charles, 1390
Knobel, Thomas, 413
Knabe, Gustavus A., 130
Kolsch, Julius, 1262
Merrell, George, 129
Merrell, Mrs. George, 1516
Morse, Frank D., 778
O'Hare, Dr. James, 1004
Osborn, Frank D., 658
Plaut, Albert, 862
Raymow, Thomas F., 767, 777
Roemer, John, 1140, 1265
Sheppard, S. A. D., 1515
Velsor, Joseph Alexander, 414
Wood, William H., 777
Nicotine, determination, 435
Ninhydrin, limitations of the reaction, 996

Nobel Prizes
awarded to Prof. Meed von Laue and Theodore William Richards, 1514
Nominees, officers, A. Ph. A., 1040
Notes
pharmaceutical, William R. White, 502
random relating to various pharmaceutical preparations, Thomas D. McElhenie, 171

O

Officers-Elect of A. Ph. A.
1915-1916, 1141
1916-1917, 1377
Oils
arachis, detection in olive oil, 1498
birch, rectified
empyroligneous, 1512
hydrogenated, Andrew Campbell, 675
perfume, 177
Ointments
iodine, data and method of assay, Leo H. Fried, 621
plea for reform in dispensing, F. W. Nitardy, 147
zinc oxide needed change, E. R. Jones, 283
Opium
the assay of, A. R. L. Dohme, 85
the lime assay, A. B. Lyons, 92
Opsonins, definition, 1446
Oxypinene
pharmacy of, Henry C. Blair, 942

P

Paraffin
viscosity of liquid, 792, 990, 1513
Pareira, 1378
Patents and Trade-marks
Paige bill, 1420
report of committee on, 1414
Pathogenicity, 1443
Pearson Magazine
article in, 662
Perfumes
artificial, H. S. Groat, 175
Peruviol, test, 1496
Petrolatum
liquid comparison, S. L. Hilton, 990
liquid, Russian and American, E. H. Gane, 792
Phagocytosis, definition, 1444
Pharmacist
an American in Germany, P. Henry Utech, 648
more English for, Charles P. Valentine, 1328
the work of today, H. M. Whelpley, 1364
Pharmaceutical
contribution of chemist to manufacture, F. R. Eldred, 1506
degrees, 1410
experiment station, Wisconsin, 868
literature review current, F. P. Stroup, 242; see also 1496
manufacturing profit and professional advantages, F. W. Nitardy, 804
nomenclature, report committee on, 190
questions discussed, 146, 158, 162
survey of teaching institutions, 1409
Pharmacognosy
and therapeutics instruction in medical colleges, Bernard Fantus, 379
medicinal rhamnus barks, 360
rhamnus barks, 193
Pharmacopoeia
British, M. I. Wilbert, 334
British of 1914, F. B. Kilmer, 900
British, some observations on, Irwin A. Becker, 612
British pharmacy and materia medica of, George M. Beringer, 904
can it be made popular with physicians? Bernard Fantus, 349
formularies of the world, R. H. Needham, 507
homeopathic of U. S., George M. Beringer, 208
Norwegian, M. I. Wilbert, 273
the making of the, 1367
the new, as an educational problem, Joseph Weinstein, 1180
U. S., progress of, J. P. Remington, 267, 1173
Pharmacy
a layman's point of view, Gov. W. S. Hammond, of Minnesota, 396
a proposal for the elevation professional, C. F. Nelson, 784
ideals in, Theodore J. Bradley, 596
manufacturing forty-five years of, Frank C. Taylor, 468
merits of, W. C. Alpers, 1498
modern business methods for, E. Fullerton Cook, 953
relation between medicine and, Wilfred M. Barton, 374
relation to medicine, Albert H. Dewey, 231
schools, 32, 1311, 1410
Phosphorus
yellow, estimation of, H. Engelhardt and C. E. Winters, 451, 1453
stability of preparations containing, 1450
Phylacogens, 299
Phytolacca, 1378
Pills
Blaud's, commercial quality of, L. E. Warren, 624
estimation of morphine in, 1477
salol-coating of, J. C. and B. L. DeG. Peacock, 947
Pimenta, 1378
Pipet Holder, 643
Plants
appropriation for research medicinal, 779
cultivation of medicinal, F. A. Miller, 345 and 583
cultivation of medicinal, L. E. Sayre, 1303
Poisons
restriction in distribution of, Carl T. Buehler, 498
sale of, William Mittelbach, 342
Poppy Capsules
magnesium phosphate in, J. E. Kimiel, 623
Potassium
chloride, 1380
glycerophosphate, 1380
Prescriptions
arrangement of department, H. W. Weed, 1492
as public records, 1401
average cost of, F. W. Nitardy, 1100
difficult, J. Leon Lascoff, 504
how would you advertise department? Jacob Diner, 150
of life, J. W. England, 619
price in need of reform, H. B. Mason 1353
prices in Detroit, Walter M. Chase, 1357
Preparations
debt which medicine owes secret, Otto Raubenheimer, 373
should the druggist make his own? H. C. Washburn, 159
should the retail druggist manufacture or buy them? Charles J. Clayton, 500
Program
tentative San Francisco meeting, 255, 869
San Francisco meeting, approved, 882
Prickly ash berries, 1385
Proprietary Medicines
compulsory registration in New York City, 1269
definitions and classification, 1151
Protein, structure of molecule, 1443
Protozoa, definition, 1442
Prune, 1381
Public Health service changes, 1274
Pulsatilla, 1381

Q

Quercus, 1381
Quillaja, 1381
Quinine
new method of separation, G. N. Watson, 935
Quizzes, tests and examinations, H. V. Arny, 1233, 1497

R

Radium, Emile F. Krapf, 550
and radium emanation measurement of, S. W. Stratton, 1111
Reaction
color, H. V. Arny, 1294
color, E. A. Ruddiman, 1467
Wasserman, 548
Reagent, Lloyd's, nicotine determination, 435

Recipe Book, report of committee on, 1178
Recommendations
President Mayo's, 1028
Red Gum, John A. Thum, 505
Registration
reapproval by boards of pharmacy, 481
Remedies
Schuessler's twelve, F. J. Wulling, 821
Rennin, 1381
Report
auditing committee, 1254
British parliamentary committee on proprietaries, 1155
committee on American Institute of Prescriptionists, 1171
chairman's address section education and legislation, 23, 1310
committee chairman's address commercial section, 1193, 1321
chemists' sub-committee on standardization of drugs, 219
commission on proprietary medicines, 1148
committee drug market Pa. Ph. Association 1914 and 1915, 972
drug reform, 1425
committee on editing rules, 192
general secretary, 1049
committee on invested funds, 1254
committee on local branches, 1060
committee Lloyd Library, 1050
committee on membership, 1056
committee on national formulary, C. Lewis Diehl, 271
patents and trade-marks, 1414
committee on pharmaceutical nomenclature, 190
committee on pharmaceutical syllabus, 1056, 1516
committee postoffice regulations for mailing poisons, 187
committee publication, 778, 1256
committee President's address, 1072
committee on William Proctor, Jr., monument fund, 1055
committee on recipe book, 1178
survey pharmaceutical teaching institutions, 1409
transportation drugs by mail, 1408
committee on resolution, 1075, 1077
committee status pharmacists, Government service, 1054
committee time and place, 1075
of treasurer, 886, 1042, 1046, 1059
committee on unofficial standards, George M. Beringer, 751, 1131, 1255, 1378
committee on weights and measures, 1046
national drug trades conference, 122
secretary education and legislation, 24
(See also committees and addresses)
Reporter on Progress Pharmacy
Julius A. Koch, elected, 1376
Resins
freshly precipitated in aqueous medium, Samuel T. Hensel, 371
Resolution
co-operation with industries, 1287
N. W. D. A. on too many drug stores, 1189
to confer with pharmaceutical manufacturers, 1206
Review
current Journal, E. F. Cook, 749
current, of Pharmaceutical Journals, J. W. England, 853
current, of Pharmaceutical Journals, 643, 1496
Rhus glabra, 1382
Roster
council members, 1145
members at San Francisco, 1142
official, 1914 and 1915, V, May issue
officers A. Ph. A., 1142
officers, women's section, 898
Rubus, 1382
Rules
editing report of committee on, 192
of publication, 1257
Rumex, 1382

S

Safety Check Valve
for laboratory vacuum pump, R. C. Holmes, 1227
Salvia, 1383
Santal, 1383
Sassafras pith, 1383
Scholarship, Fairchild, 1028
Schooling, aim of, 1406
Schools
list of, courses, degrees conferred, etc., 1410
Schneider, Albert
resignation as local secretary, 882
Science
and industry, co-operation of, A. R. L. Dohme, 1105, 1278
of phenomena, J. Roemer, 922
Scoville, Wilbur L.
elected vice-chairman, N. F. Committee, 1377
Scutellaria, 1384
Section
commercial interests, minutes of, 1188
commercial interests, papers for, 1005
education and legislation, minutes of, 18, 1310, 1408
officers of, 1439
historical, papers for, 1006
joint session section commercial interests and section education and legislation, 1203
pharmacopoeias and formularies, minutes of, 267
practical pharmacy and dispensing, minutes of, 145 and 1168
scientific, minutes of, 1120, 1278
scientific, papers for, 1005
women's and women pharmacists, Zada M. Cooper, 541
Sempervirine
from gelsemium, Stevenson and Sayre, 1458
Separation
quantitive, of strychnine and quinine, G. N. Watson, 935
Serums, 300
mercurialized, 1497
principles underlying, F. E. Stewart, 1440
Service
what constitutes good prescription, F. M. Apple, 152
Sessions, General A. Ph. A., 1015, 1039, 1069
Side-line
a professional, J. M. Rogoff, 692
best paying, Frank Richardson, 318
circulating library as a, F. M. Apple, 1343
Silver, iodide
so-called concentrated solution, 1497
Sketch, Biographical of
Alpers, William C., 1086
Beal, J. H., 59
Godbold, Fabius Chapman, 1147
Markoe, George Frederick Holmes, 487
Painter, Emlen, 783
Prescott, Albert Benjamin, 557
Rusby, H. H., 331
Searby, William Martin, 899
Sheppard, Samuel A. D., 669, 1515
Wulling, F. J., 1488
Societies
American chemical annual meeting, 1262
and colleges, 416, 552, 652, 773, 875, 1006, 1143, 1519
Phi Delta Chi at San Francisco, 1391
Society
American Chemical, 1006
Sodium nitrate, 1384
Solutions
J. Roemer, 1102
new type saline antiseptic, C. H. LaWall, 181
silver iodide, 1497
Specialties
substitute formulas for, Otto Raubenheimer, 952
Spirit
camphor, 765
nitrous ether, 765
phosphorus, 457
Spirillum, illustration, 1441
Spraying
materials, building up trade in, H. F. Ruhl, 205
formulas, E. V. Howell, 312
Springs
comparison of, American and European, Felix Von Oefele, 617

Standards
color and cudbear, H. V. Arny and C. H. Ring, 1294
plea for higher as entrance to pharmacy, C. B. Jordan, 51
report of committee on unofficial, George M. Beringer, 751, 1386
Standardization
physiologic, approved methods of, Charles S. Chase, 1289
report of chemist's committee, assays, etc., 219
sodium thiosulphate V. S., Joseph L. Mayer, 690
Stenographer
awarding contract for, 781
Stevens Bill
endorsed by New York retailers, 1393
Stillingia Sylvatica
E. R. Miller, R. I. Brooks and C. P. Rutledge, 445
Stimulins, definition, 1446
Substitute specifics, seized, 1514
Success
the price of, W. H. Cousins, 515
Sugar
nature of in sweet potatoes, K. Miyake, 936
Sugar, cane
inversion of in syrups Joseph L. Mayer, 945
Sugar of Milk
quality of commercial, J. W. England, 944
Strychnine
new method of separation, G. N. Watson, 935
Syllabus
Bulletin IV, 782
Bulletin VI, 1516
report of committee, bulletin III, 639
a symposium on, 115
Synthesis
of glucosides, H. Engelhardt, 670
Syrupus Hypophosphitum and Compound
new method, F. A. Upsher Smith, 595

T

Tablets
estimation of morphine in, 1477
Tamarind, 1384
Taxes
on toilet articles, 1391
Teachers
qualification requirements for in College of pharmacy, W. C. Alpers, 1330
some thoughts for, Zada M. Cooper, 789
Test
a biological, for Arsenic, Albert Schneider, 1307
peruviol, 1496
Thermometer Homograde, 1002
Tinctures
comparison of those made by percolation and dilution of fluid extracts, Wilbur L. Scoville, 1472
Titles
in Norwegian Pharmacopoeia, 275
Toxins, bacterial vs. vegetable, J. Stanley White, 408
Trade-marks and Patents
decision, 1417
report of committee on, 1414
Tray, animal necropsy paper, M. R. Smirnow, 746
Treasurer
report of A. Ph. A., 886, 1046, 1059
Turpentine, 1384
Twilight Sleep, C. W. Edmunds, 565

U

Urea
determination of in blood, 1013
Urine, volatile and odorous constituents, W. M. Dehn and F. A. Hartman, 297

V

Vaccination, definition, 1446
Vaccines, 299, 1440, 1447
Vanilla bean, 1512
Vanillin, 175
Viburnum, 1385

W

Wages, paying more than, E. Berger, 182
War Department, 263, 781, 884, 1012, 1531
Water
aromatic, 171
mineral, analysis and reproduction of, Julius Greyer, 488
purification of, at Columbus, Charles P. Hoover, 228
re-distilled, versus sterilized distilled, William Gray, 816
Weinstein, Joseph,
chairman section practical pharmacy and dispensing, 1167
Wulling, Frederick J.,
retiring president A. C. P. F., 1221

Y

Year Book, A. Ph. A., 1352
awarding contract, 779
bids on, 778
plea for an up-to-date, E. N. Gathercoal, 1504
Yeast, Compressed, 755
definition, 1442
Zea, 1385
Zedoaria, 1386